

Message Text

CONFIDENTIAL

PAGE 01 MOSCOW 05157 201010Z
ACTION OES-07

INFO OCT-01 EUR-12 NEA-10 ISO-00 SOE-02 AID-05 CEA-01
CIAE-00 COME-00 DODE-00 EB-08 H-01 INR-10 INT-05
L-03 NSAE-00 NSC-05 OMB-01 PM-05 USIA-06 SP-02
SS-15 STR-07 TRSE-00 ACDA-12 PA-01 /119 W
-----059734 201253Z /53

R 200925Z MAR 78
FM AMEMBASSY MOSCOW
TO SECSTATE WASHDC 9252
USDOE WASHDC
INFO USDOE GERMANTOWN MD
AMCONSUL LENINGRAD
AMEMBASSY NEW DELHI
AMEMBASSY VIENNA

C O N F I D E N T I A L MOSCOW 05157

DEPT FOR EUR/SOV WILKINSON

USDOE FOR BILLY HILL

VIENNA FOR USIAEA

E.O. 11652: GDS
TAGS: TGEN, ENRG, PINT, UR
SUBJECT: INDIA-USSR COOPERATION IN MAGNETHYDRODYNAMICS:
POSSIBLE UNCSTD INTEREST

1. BEGIN UNCLASSIFIED - DURING MEETING AT INSTITUTE OF
HIGH TEMPERATURES ("IVTAN"), SCICOUNS NOTED JANUARY 31
TASS ARTICLE ON SOVIET-INDIAN COOPERATION IN
MAGNETOHYDRODYNAMICS (MHD) AND ASKED INSTITUTE DIRECTOR
A. YE. SHEYNDLIN FOR FURTHER DETAILS. SHEYNDLIN RESPONDED
THAT INDIANS ARE WORKING ACTIVELY ON CONSTRUCTION OF SMALL
MHD PLANT IN THE STATE OF MADRAS (TASS GIVES NAME OF
TOWN AS TIRUCHCHIRAPPALLI), AND THAT PLANT SHOULD BE
CONFIDENTIAL

CONFIDENTIAL

PAGE 02 MOSCOW 05157 201010Z

READY IN 1980-81. SHEYNDLIN SAID THAT SOVIETS ARE ASSIST-
ING IN THIS PROGRAM, WHICH WILL HELP INDIA USE MORE
EFFECTIVELY ITS LARGE DEPOSITS OF LOW-GRADE BROWN
COAL. HE ADDED THAT THE CONSTRUCTION AND OPERATION OF A
HIGH-TECHNOLOGY FACILITY SUCH AS A MHD PLANT WILL ALSO
HELP THE INDIANS DEVELOP THEIR POWER INDUSTRY INFRA-
STRUCTURE. SHEYNDLIN SAID THE INDIAN PLANT WILL USE

LURGI GASIFIERS, A DATED TECHNOLOGY, BUT PROBABLY THE BEST WAY FOR THE INDIANS TO ENTER THE MHD DEVELOPMENT FIELD. SHEYNDLIN SAID THAT THE INDIAN PLANT IS SEVERAL TIMES SMALLER THAN THE PLANNED U.S. PLANT, WITH A TOTAL PRODUCTION OF LESS THAN 15 MEGAWATTS THERMAL.

2. SHEYNDLIN SAID THAT INDIANS ARE PRESSING FOR INTERNATIONAL MEETING ON MHD DEVELOPMENT, TO TAKE PLACE IN 1979, AND SOVIETS WILL PARTICIPATE. HE URGED U.S. MHD LEADERSHIP TO CONSIDER PARTICIPATION, NOTING THAT IVTAN DEPUTY DIRECTOR PISHCHIKOV WILL SOON BE ATTENDING MHD-RELATED IAEA MEETING IN VIENNA, WHICH WILL REVIEW THE INDIAN PROPOSAL . END UNCLASSIFIED.

3. BEGIN CONFIDENTIAL - THE DEPARTMENT HAS ASKED EMBASSY ASSISTANCE IN IDENTIFYING TECHNICAL AREAS IN WHICH THE U.S. AND THE USSR MIGHT COOPERATE IN ASSISTANCE TO THIRD WORLD NATIONS UNDER UNCSTD AUSPICES. WE WOULD ALSO NOTE THAT (1) THE SOVIETS HAVE ALREADY ESTABLISHED A BILATERAL MHD PROGRAM THERE, (2) THE U.S. AND USSR MHD PROGRAMS CONSTITUTE ONE OF THE RARE INSTANCES IN WHICH TECHNOLOGIES OF THE TWO COUNTRIES ARE TRULY COMPLEMENTARY AND IN WHICH SUCCESSFUL BILATERAL IS UNDERWAY, AND (3) THE SOVIETS AT LEAST AT THE SHEYNDLIN LEVEL, APPEAR FAVORABLY DISPOSED TO A TRI-LATERAL ARRANGEMENT WITH INDIA. THE EMBASSY WOULD APPRECIATE DEPARTMENT AND DOE GUIDANCE ON CONFIDENTIAL

CONFIDENTIAL

PAGE 03 MOSCOW 05157 201010Z

APPROPRIATE FOLLOW-UP HERE. TOON

CONFIDENTIAL

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: INTERGOVERNMENTAL COOPERATION, SCIENTIFIC MEETINGS
Control Number: n/a
Copy: SINGLE
Draft Date: 20 mar 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 20 Mar 2014
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978MOSCOW05157
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: GS
Errors: N/A
Expiration:
Film Number: D780122-0519
Format: TEL
From: MOSCOW
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780347/aaaabnvw.tel
Line Count: 95
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 2a48f2c3-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 13 may 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3269296
Secure: OPEN
Status: NATIVE
Subject: INDIA-USSR COOPERATION IN MAGNETHYDRODYNAMICS: POSSIBLE UNCSTD INTEREST
TAGS: TGEN, ENRG, PINT, UR, US
To: STATE COM
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/2a48f2c3-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014